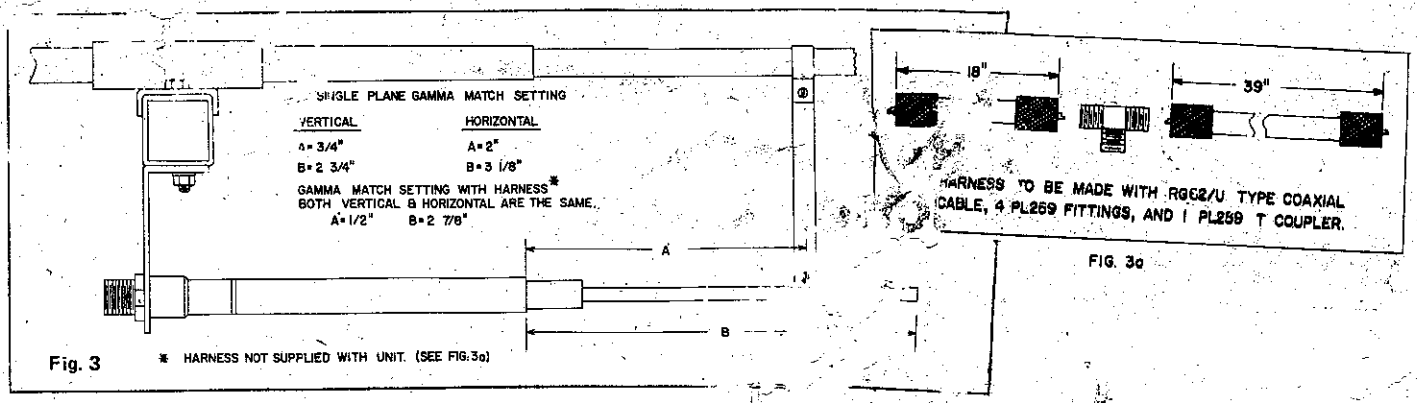

Fig. 3 * HARNESS NOT SUPPLIED WITH UNIT. (SEE FIG.3a)

FIG. 3a

GAMMA MATCH ASSEMBLY — Locate the gamma arm assemblies. Securely fasten the threaded connector end using the 5/8-24 hex nut to the gamma arm bracket. Locate the two 1/4" rod clamps and two 1/2" tube clamps. Referring to Figure 3, place the 1/4" rod clamps on the 1/4" rods on the gamma arm assemblies, and the tube clamps on the 1/2" driven elements (DE) approximate location shown in Figure 3.

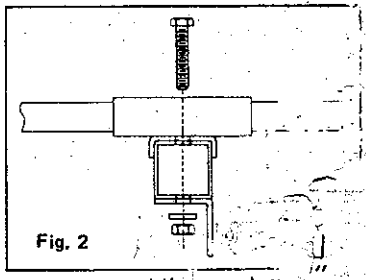

Fig. 2

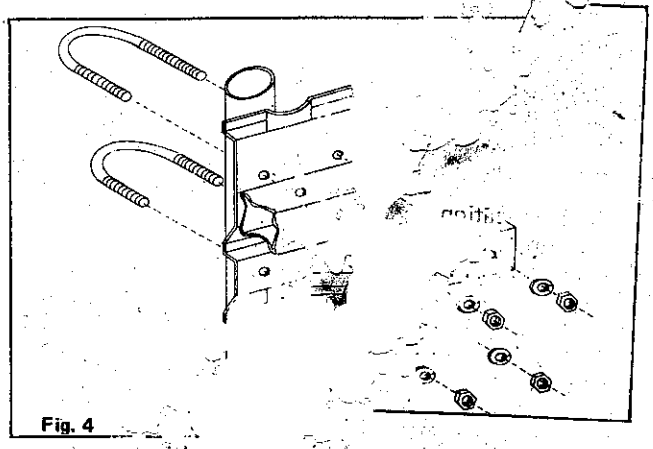

Fig. 4

the two 2 1/8" x 3/8" shorting straps and, using the d screws, #8 external tooth lockwashers, and 8-32 s, assemble the shorting straps to the clamps.

NOTE: This adjustment is critical for proper performance. After installation, if you so desire, you may peak the gamma matching system for best V.S.W.R. at your site location. However, the above pretested factory measurements generally will give the lowest V.S.W.R. and best match to 50 ohm coax cable.

FINAL ASSEMBLY — Loosely assemble the "U Bolt" and s[illegible] die assembly, referring to [illegible] Mount the supporting [illegible] to the antenna and tighten the hardware. **NOTE:** The min[illegible] length for the mast should be 10 ft.

Install the 1/2" end caps on the end of each element, and the boom end caps.

This completes the assembly of your FINCO Stinger.

INSTALLATION

Before installing the antenna on the supporting structure, the coaxial feed line to the gamma arms. It is recommended you weatherproof these connections with Neoprene or rubber compound substance. This will prevent moisture deteriorating your antenna performance.

Install your antenna keeping in mind the warning on page.

MODEL STINGER A2+2 PARTS LIST

Qty	Description	Part No
1	[illegible] x 1 1/[illegible] Square Boom Stock	67235
1	[illegible] O.D. x 34 1/2" Element with Boom Bracket	68723
1	[illegible]" O.D. x 35" Element with Boom Bracket	6[illegible]4
1	1/2" O.D. x 39" Element with Boom Bracket	68[illegible]
2	1/2" O.D. x 41" Element with Boom Bracket	68726
1	Gamma Arm Assembly	10103
2	Gamma Arm Mounting Bracket	23204
2	2 1/8" Long Gamma Arm Shorting Strap	41201
1	[illegible] Mounting Plate	23001
1	[illegible]	23002

Qty	Description
2	3/4" Long U-Bolt
2	4" Long U-Bolt
4	1/2" Tube Clamp
4	1/4" Rod Clamp
20	8-32 x 1/2" Slotted Head Screws
4	1/4-20 x 1 3/4" Hex Head Bolts
4	5/16" Lockwashers (U-Bolt)
4	5/16 - 18 Hex Nuts (U-Bolt)
2	1 1/4" Square End Caps (Boom)
2	5/8" I.D. Internal Lock Washers
2	5/8-24 Hex Nuts
4	#8 External Tooth Lockwashers
4	8-32 Hex Nuts
20	1/4" Lockwashers
20	1/4-20 Hex Nuts
20	1/2" Dia. End Caps (Elements)

THE FINNEY COMPANY

FINCO, the Champion of all Electronic Independent Service!

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